

Work Order ID 78795

78795

Page 1

January-16-12 8:58:35 AM

Item ID: D3278-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Support Assembly
 Start Date: 16/01/2012 Start Qty: 40.00 ***40*** Cust Item ID:
 Required Date: 30/01/2012 Req'd Qty: 40.00 ***40*** Customer:
 Reference:

Approvals: Process Plan: MLJ Date: 12/01/16 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|--------------------------------|---|----------------------|---------|--------|--------------|---------------|---------------|------------------|----------------|
| Draw Nbr | Revision Nbr | | | | | | | | |
| D3278 | Rev C | | | | | | | | |
| 100 | | 0.00 | | | | | | | |
| *100* | Small Fab | | | | | | | | |
| Small Fab | Memo | 0.00 | | | | | | | |
| Small Fab | Rivet spacers with support as per Dwg D3278. | | | | | | | | |
| 110 | | 0.00 | | | | | | | |
| *110* | QC5- Inspect part completeness to step on W/O | | | | | | | | |
| QC | Memo | 0.00 | | | | | | | |
| Quality Control | | | | | | | | | |
| 120 | | 0.00 | | | | | | | |
| *120* | Small Fab | | | | | | | | |
| Small Fab | Memo | 0.00 | | | | | | | |
| Small Fab | Assemble support as per Dwg D3278.***DO NOT TIGHTEN BOLTS***Identify as D3278-041 | | | | | | | | |

SB 12/03/21 (40)

SB 12/03/21 (40)

SB 12/03/21 (40)

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Work Order ID 78795

78795

Page 2

January-16-12 8:58:35 AM

Item ID: D3278-041 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Support Assembly
 Start Date: 16/01/2012 Start Qty: 40.00 ***40*** Cust Item ID:
 Required Date: 30/01/2012 Req'd Qty: 40.00 ***40*** Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

| Sequence ID/ Work Center ID | Operation Description | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
|---|---|----------------------|-------------|--------|--------------|---------------|---------------|------------------|----------------|
| 130 *130* QC Quality Control | QC5- Inspect part completeness to step on W/O Memo | 0.00 0.00 | SB 12/03/21 | | | (40) | | | |
| 140 *140* Packaging Packaging | Identify as per dwg & Stock Location: 48/ | 0.00 0.00 | | | | 12/3/21 SP | (40) | | |
| 150 *150* QC Quality Control | QC21- Final Inspection - Work Order Release Memo | 0.00 0.00 | | | | 12/3/22 | | | |

UNF
12-03-21

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

January-16-12 8:58:39 AM

Page 1

Work Order ID: 78795

78795

Parent Item: D3278-041

D3278-041

Parent Item Name: Support Assembly

Start Date: 16/01/2012

Required Date: 30/01/2012

Start Qty: 40.00

Required Qty: 40.00

Comments:

IPP: A04.04.19New issueKJ/JLM

IPP B 07.08.21 Chg rivet per PAR185 EC Verified by: JLM

| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|
|---------------------------------|------------------------|---------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|--------|

D3278-1
D3278-1
Support

Manufactured No

100

Each

41.0000

1

40

**

Location

Loc Qty

Loc Code

GA

41

73412

1

77572

40

D3278-2
D3278-2
Support

Manufactured No

100

Each

41.0000

1

40

**

Location

Loc Qty

Loc Code

CA

1

74879

1

GA

40

77571

40

D3278-3
D3278-3
Spacer

Manufactured No

100

Each

176.0000

1

40

**

Location

Loc Qty

Loc Code

GA

176

70984

2

77061

174

Handwritten notes and signatures:
 - Signature: [Signature]
 - Date: 12/03/21
 - Code: B78803 (40x)
 - Signature: [Signature]
 - Date: 12/03/21
 - Code: B78804 (40x)
 - Signature: [Signature]
 - Date: 12/03/21
 - Code: 40

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

January-16-12 8:58:39 AM

Page 2

Work Order ID: 78795

78795

Parent Item: D3278-041

D3278-041

Parent Item Name: Support Assembly

Start Date: 16/01/2012

Required Date: 30/01/2012

Start Qty: 40.00

Required Qty: 40.00

MS21042L4

Purchased

No

100

Each

7,495.000

2

80

MS21042L 4

Nut

**

Location

Loc Qty

Loc Code

ST300

7495

117441

67

117601

342

118451

133

119017

1953

119075

5000

AN4-13A

Purchased

No

120

Each

1,478.000

2

80

AN4-13A

Bolt

**

Location

Loc Qty

Loc Code

ST357

1478

119449

478

120187

1000

AN960JD416

NAS1149D0463J Purchased

No

120

Each

0.0000

4

80

AN960JD416

Washer

D2230-1

Manufactured

No

120

Each

201.0000

2

80

D2230-1

Lug

**

Location

Loc Qty

Loc Code

ST480

201

67826

6

70974

3

76640

192

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

Picklist Print

January-16-12 8:58:39 AM

Page 3

Work Order ID: 78795

78795

Parent Item: D3278-041

D3278-041

Parent Item Name: Support Assembly

Start Date: 16/01/2012

Required Date: 30/01/2012

Start Qty: 40.00

Required Qty: 40.00

MS20426AD3-6

Purchased

No

120

Each

5,497.000

4

160

MS20426AD3-6

Rivet

**

Location

Loc Qty

Loc Code

ST316

5497

105055

107

116289

2774

120123

2616

[Handwritten signature]
160

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

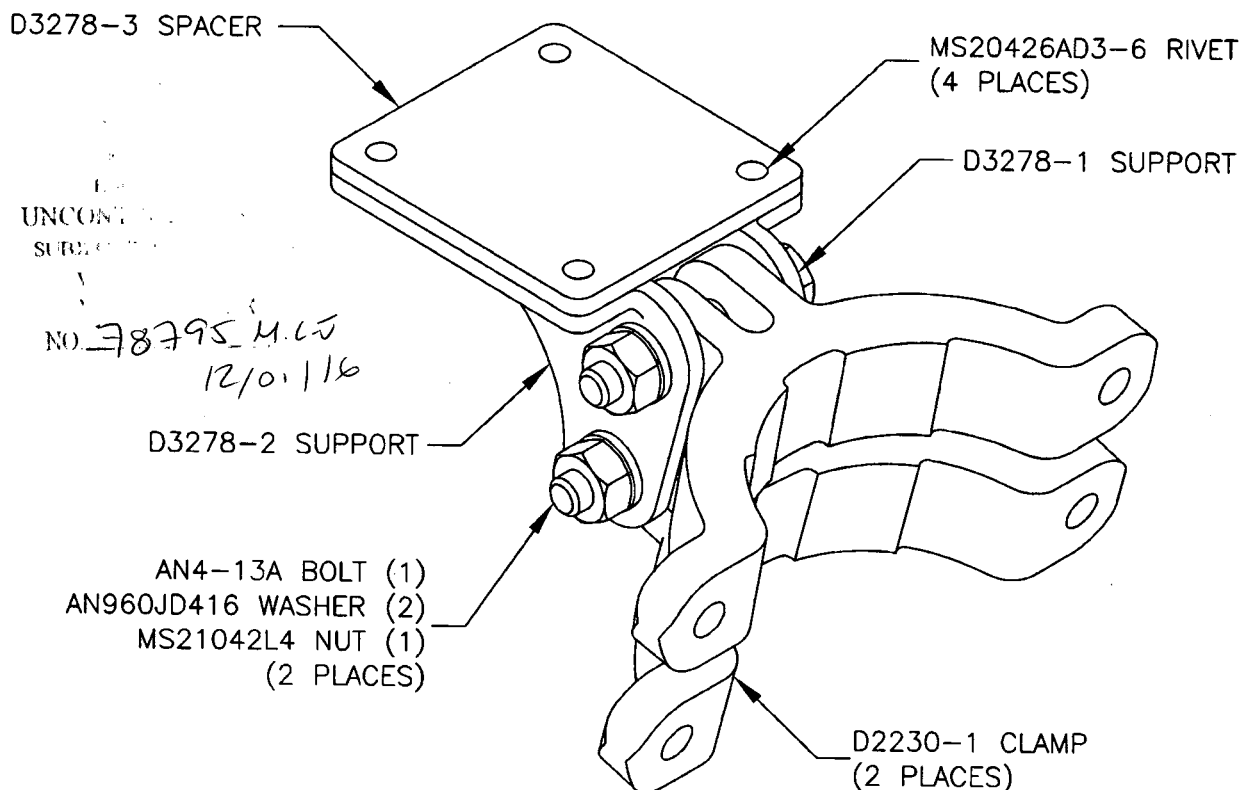
NOTE: Date & initial all entries



| | | | |
|---------------------|-----------------------|---|------------------------|
| DESIGN <i>97</i> | DRAWN BY <i>BC</i> | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED <i>B</i> | APPROVED <i>H</i> | DRAWING NO. D3278 | REV. C SHEET 1 OF 3 |
| DATE 07.07.24 | | TITLE SUPPORT ASSEMBLY | SCALE NTS |
| A | 04.03.03 | NEW ISSUE | |
| B | 05.03.31 | CHANGE DIM/TOL TO ENSURE FIT | |
| C | 07.07.24 | CHANGED RIVETS PER PAR #185 | |

RELEASED
67 08-08

D3278-041 SUPPORT ASSEMBLY



| Qty | Part Number | Description |
|-----|--------------|------------------|
| X | D3278-041 | SUPPORT ASSEMBLY |
| 2 | D2230-1 | CLAMP |
| 1 | D3278-1 | SUPPORT |
| 1 | D3278-2 | SUPPORT |
| 1 | D3278-3 | SPACER |
| 2 | AN4-13A | BOLT |
| 4 | AN960JD416 | WASHER |
| 4 | MS20426AD3-6 | RIVET |
| 2 | MS21042L4 | NUT |

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

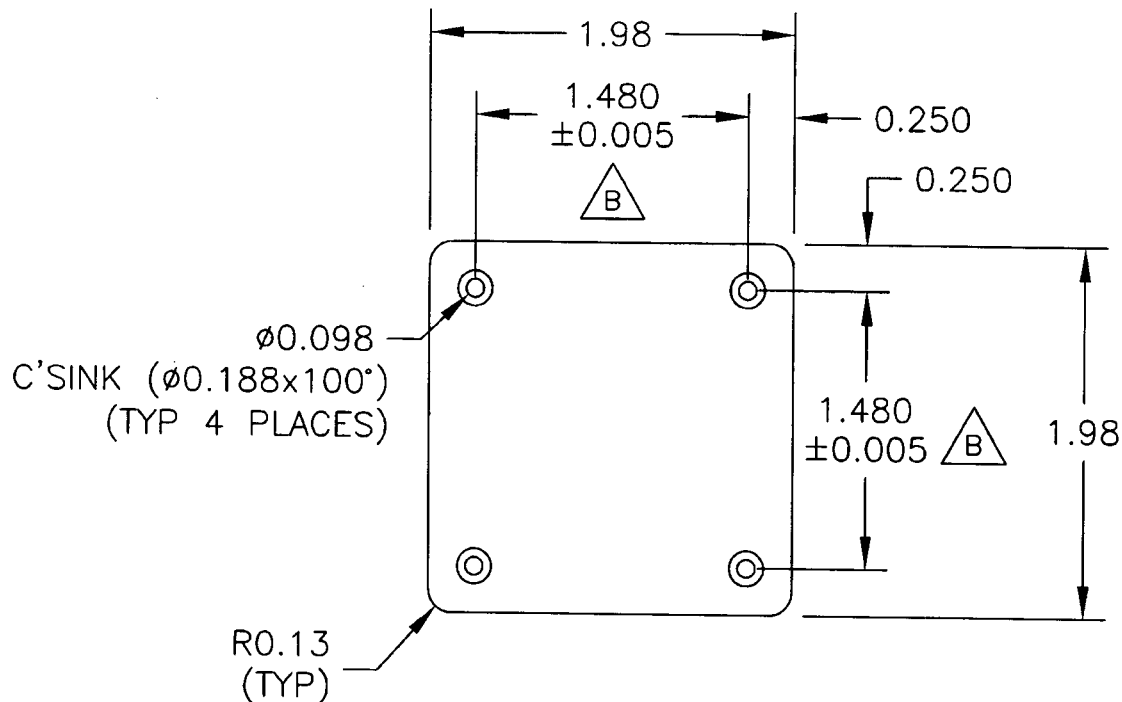
| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries

DART

78795

| | | | |
|------------------|-------------------------|---|------------------------|
| DESIGN 97 | DRAWN BY JC | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| CHECKED B | APPROVED [Signature] | DRAWING NO. D3278 | REV. C SHEET 3 OF 3 |
| DATE 07.07.24 | | TITLE SUPPORT ASSEMBLY | SCALE 1:1 |

RELEASED
07.08.08**D3278-3 SPACER**

- 1) MATERIAL: DELRIN II 150E OR ACETRON GP ACETAL
(REF. DART SPEC. M-DELRIN-B0.125x2.000) OR
DELRIN II 150E OR ACETRON GP ACETAL
(REF. DART SPEC. M-DELRIN-S.125)
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.015
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

Copyright © 2004 by DART AEROSPACE LTD

THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.

| W/O: | | WORK ORDER CHANGES | | | | | |
|------|------|--------------------|----|------|-----|-------------------------------------|--------------------------|
| DATE | STEP | PROCEDURE CHANGE | By | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | |
| | | | | | | | |

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

| NCR: | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | |
|------|------|----------------------------------|-----------------------------|---------------------------------|----------------|---------------------------|-----------------------|--------------------------|
| DATE | STEP | Description of NC Section A | Corrective Action Section B | | | Verification Section C | Approval Chief Eng | Approval QC Inspector |
| | | | Initial Chief Eng | Action Description Chief Eng | Sign & Date | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

NOTE: Date & initial all entries